

CLAIMS

What is Claimed:

1. An isolated polynucleotide composition effective for eliciting an immune response in a patient, said polynucleotide encoding a polypeptide comprising an amino acid sequence consisting essentially of SEQ ID NO: 3.
2. An isolated polypeptide composition effective for eliciting an immune response, said polypeptide comprising an amino acid sequence consisting essentially of SEQ ID NO: 3.
3. A pharmaceutical composition comprising a polynucleotide according to claim 1 or a polypeptide according to claim 2, in combination with a pharmaceutically acceptable carrier.
4. The pharmaceutical composition of claim 3, further comprising an immunostimulant.
5. The pharmaceutical composition of claim 4, wherein the immunostimulant comprises an adjuvant.
6. A method for eliciting an immune response in a patient, comprising administering to a patient an effective amount of a polynucleotide according to claim 1.
7. The method according to claim 6, wherein the patient is HLA-B44 positive.
8. The method according to claim 6, wherein the patient is afflicted with breast cancer.
9. A method for eliciting an immune response in a patient, comprising administering to a patient an effective amount of a polynucleotide having a sequence from about nucleotides 2026-3765 of SEQ ID NO:1.

10. The method according to claim 9, wherein the patient is afflicted with breast cancer.

11. An isolated polynucleotide composition comprising the TCR-alpha sequence set forth in SEQ ID NO: 13.

12. An isolated polynucleotide composition comprising the TCR-beta sequence set forth in SEQ ID NO: 12.